

Jampilen V30G

Homopolymer

Description:

"Jampilen V30G" is a polypropylene homopolymer with good flow properties for injection moulding and compounding applications. "Jampilen V30G" offers a medium-high fluidity, easy mould filling and short cycle times. The final items moulded with "Jampilen V30G" exhibit good dimensional stability and high stiffness.

The product is well suited for the production of thin-walled articles and articles with long flow paths. "Jampilen V30G" is also an excellent polymer base for compounding and master batches. "Jampilen V30G" is suitable for food contact.

Processing Method:

Injection moulding
Compounding

Features:

Easy mould filling and short cycle times
Good dimensional stability
High stiffness
Homopolymer

Typical Applications:

Thin-walled articles
Containers
Boxes
Toys
Household articles
Closures and caps
Polymer base for compounding and master batches

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	16	g/10min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical			
Flexural Modulus	1550	N/mm ²	ISO 178
Tensile Strength at Yield	35	N/mm ²	ISO R 527
Tensile Elongation at Yield	13	%	ISO R 527
Izod Impact Strength (notched) at 23 °C	3	kJ/m ²	ISO 180
Hardness Shore D	72	points	ISO 868
Thermal			
Vicat softening point (9.8N)	155	°C	ISO 306/A
H.D.T. (0.46 Mpa)	117	°C	ISO 75/B
Accelerated oven ageing in air at 150 °C	360	hours	ISO 4577